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Fig.1(a)

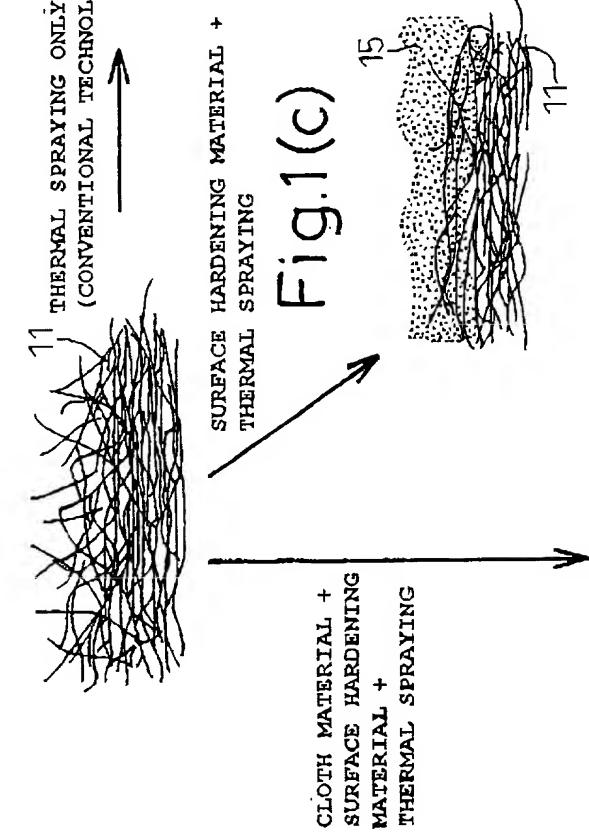


Fig.1(b)

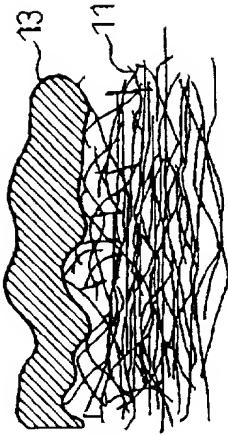


Fig.1(c)

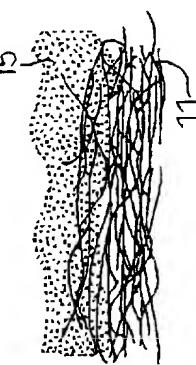


Fig.1(d)

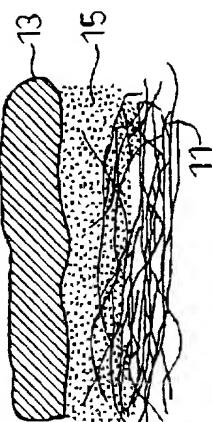


Fig.1(e)

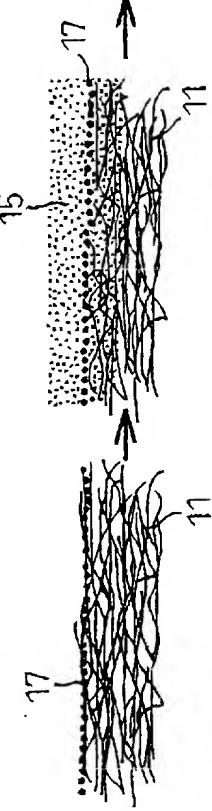


Fig.1(f)

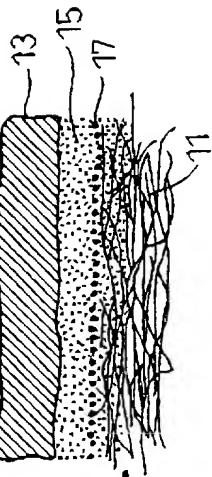
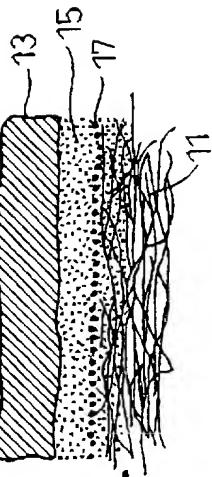
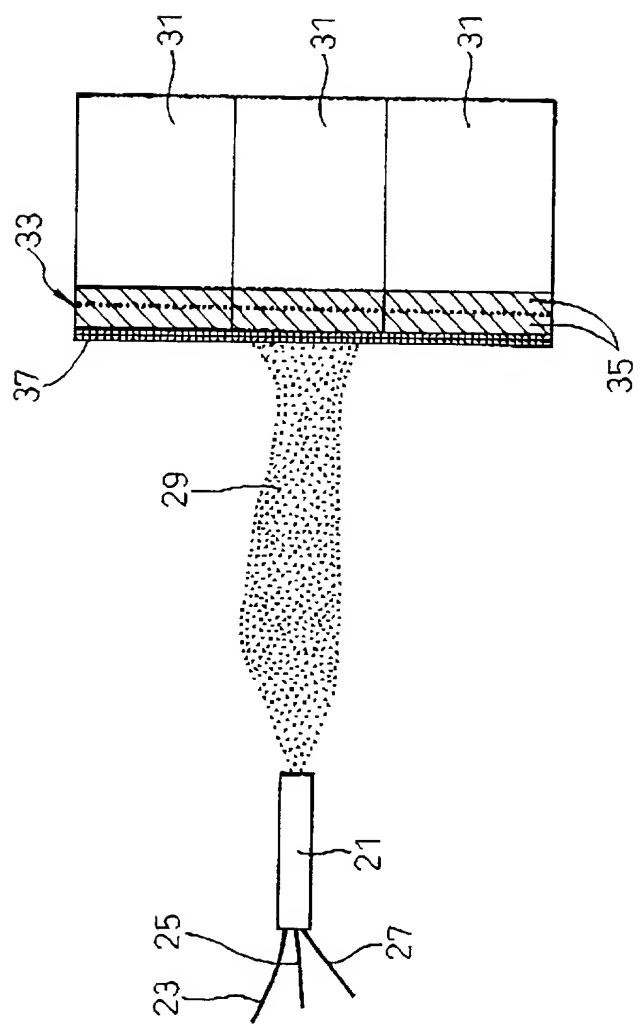


Fig.1(g)



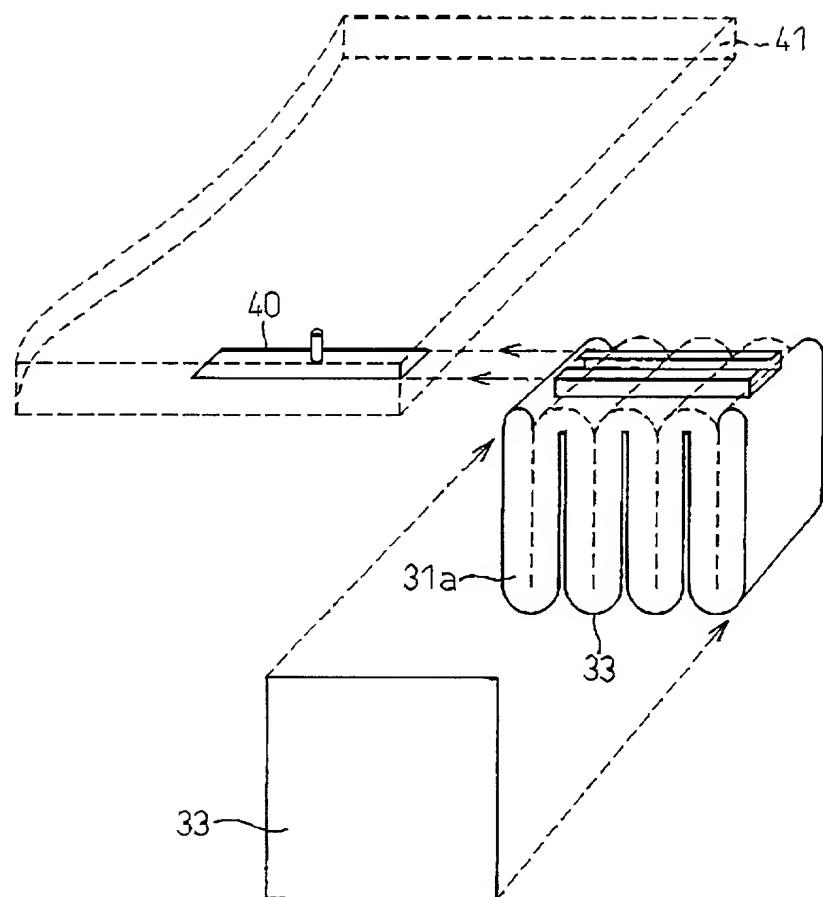
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Fig.2



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Fig.3



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Fig. 4(a)

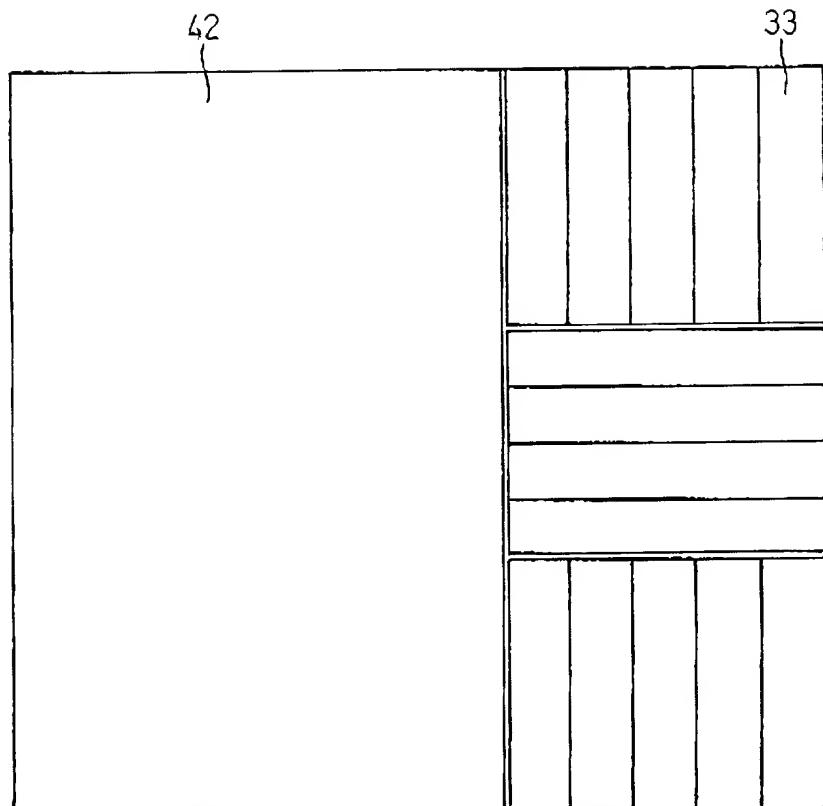
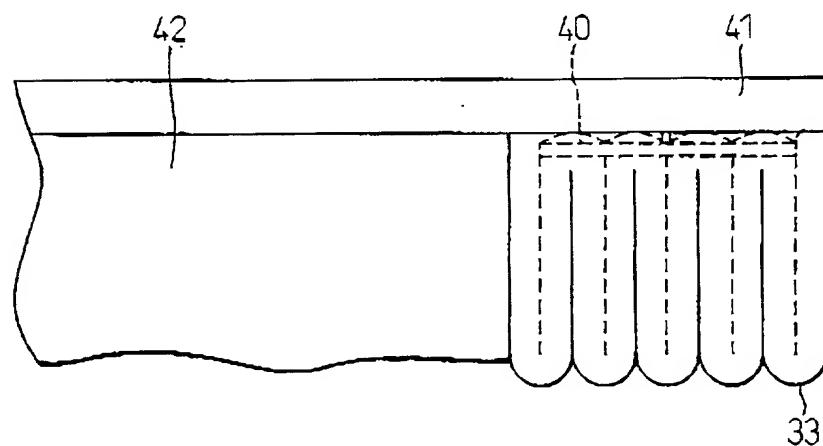


Fig. 4(b)



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Explanation of reference numerals

- 11 Surface layer of formed body of inorganic heat insulating fiber
13 Thermally sprayed film layer of refractory ceramic
15 Application film of surface hardening material
17 Cloth material
21 Thermal spraying burner
23 LPG pipe
25 Oxygen pipe
27 Ceramic powder pipe
29 Flame
31 Inorganic heat insulating fiber (ceramic fiber block)
31a Surface of fiber block exposed to high temperature atmosphere as working surface
33 Cloth material
35 Raw material mix of constituents or application film of surface hardening material
37 Thermally sprayed film of refractory ceramic
40 Channel
41 TD cover
42 Amorphous (alumina) inorganic heat insulating fiber

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